

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 15-22 are pending in this case. Claims 15-22 are amended by the present amendment and add no new matter. For example, amended Claims 15-22 are supported at least by the specification at page 4, lines 6-9 and 16-22.

In the outstanding Office Action, Claims 15-22 were rejected under 35 U.S.C. §102(a) as anticipated by applicant's disclosure of known art (i.e. pages 1 and 2 of the present application).

With regard to the rejection of Claims 15-22 under 35 U.S.C. §102(b) as anticipated by applicant's disclosure of known art, that rejection is respectfully traversed.

Amended Claim 15 recites in part, "a last six symbols of the first part are each identical to each of respective last six symbols of the second part."

The outstanding Office Action asserted that the A-FIELD at page 2, lines 21-23 of the present specification was "a first part" and the B-FIELD at page 2, lines 8-9 of the present specification was "a second part."<sup>1</sup> However, when comparing the twelve symbols in the A-FIELD at page 2, lines 21-23 of the present specification to the twelve symbols of the B-FIELD at page 2, lines 8-9 of the present specification, it can be seen that symbols S1 to S4 and S6 are identical, but *symbols S5 and S7 to S12 are different*. For example, the last symbol in the A-FIELD is  $-1+j$  and the corresponding last symbol of the B-FIELD is  $1+j$ . In contrast, in the exemplary embodiment of the invention recited in Claim 15 shown at page 4, lines 16-22 of the present specification, the *last six symbols S7 to S12 are identical* in sequences  $S_A$  and  $S_B$ .

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<sup>1</sup>See the outstanding Office Action at page 2, line 20 to page 3, line 8.

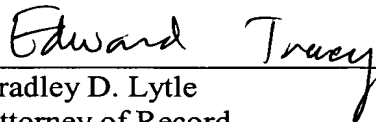
Thus, applicant's disclosure of known art does not teach "a last six symbols of the first part are *each identical* to each of respective last six symbols of the second part" as recited in amended Claim 15. Consequently, as applicant's disclosure of known art does not teach each and every element of Claim 15, Claim 15 is not anticipated by applicant's disclosure of known art and is patentable thereover.

Amended Claims 16-22 also recite "a last six symbols of the first part are each identical to each of respective last six symbols of the second part." Accordingly, Claims 16-22 are patentable over applicant's disclosure of known art for at least the reasons described above with respect to Claim 15.

Accordingly, the pending claims are believed to be in condition for formal allowance. An early and favorable action to that effect is respectfully requested.

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